

**LPDES PERMIT NO. LA0005291 /AI No. 2119**

**LPDES FACT SHEET**

**FOR THE DRAFT MODIFIED LOUISIANA POLLUTANT DISCHARGE ELIMINATION SYSTEM  
(LPDES) PERMIT TO DISCHARGE TO WATERS OF LOUISIANA**

- I. Company/Facility Name:** Chemtura Corporation – Gretna Facility  
1805 Fourth Street  
Harvey, Louisiana 70058
- II. Issuing Office:** Louisiana Department of Environmental Quality (LDEQ)  
Office of Environmental Services  
Post Office Box 4313  
Baton Rouge, Louisiana 70821-4313
- III. Prepared By:** Melanie Connor  
Water and Waste Permits Division  
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**Date Prepared:** May 11, 2006

**IV. Permit Action/Status:**

**A. Reason For Permit Action:**

Modification of an existing Louisiana Pollutant Discharge Elimination System (LPDES) permit following regulations promulgated at LAC 33:IX.3105/40 CFR 124.5

LAC 33:IX Citations: Unless otherwise stated, citations to LAC 33:IX refer to promulgated regulations listed at Louisiana Administrative Code, Title 33, Part IX.

40 CFR Citations: Unless otherwise stated, citations to 40 CFR refer to promulgated regulations listed at Title 40, Code of Federal Regulations in accordance with the dates specified at LAC 33:IX.4901, 4903, and 2301.F.

- B. LPDES permit - LPDES permit effective date:** September 1, 2002  
**LPDES permit modification:** July 1, 2005 (Name change only)  
**LPDES permit expiration date:** August 31, 2007

EPA has not retained enforcement authority.

- C. Modification request received on February 20, 2006**

**V. Facility Information:**

- A. Location -** 1805 Fourth Street, Harvey, Jefferson Parish

- B. Applicant Activity - Chemtura Corporation's Gretna Facility was a refined oil processing and blending facility. The facility ceased operations as a refined oil processing and blending facility by November 2003. Since that time the facility has gone through various stages of dismantling, demolition, and environmental remediation for the purpose of selling the property. The only discharges under the current LPDES permit are non-process area stormwater.
- C. Fee Rate -
1. Fee Rating Facility Type: Major
  2. Complexity Type: II (a complexity of Type II has been assigned on a BPJ basis since the only discharge from the site is non-process area stormwater runoff)
  3. Wastewater Type: III
  4. SIC code: 2869

**VI. Receiving Waters:** Mississippi River

1. TSS (15%), mg/L: 17
2. Average Hardness, mg/L CaCO<sub>3</sub>: 151.34
3. Critical Flow, cfs: 141,955
4. Mixing Zone Fraction: 0.33
5. Harmonic Mean Flow, cfs: 366,748
6. River Basin: Mississippi River, Segment No. 070301
7. Designated Uses:

The designated uses are primary contact recreation, secondary contact recreation, fish and wildlife propagation, and drinking water supply.

Information based on the following: Water Quality Management Plan, Volume 5A, 1994; LAC 33:IX Chapter 11. Hardness and 15% TSS data are from LDEQ monitoring station #320 on the Mississippi River based on a memo from Max Forbes to Bruce Fielding dated September 7, 2001.

**VII. Nature and Basis of Modification:**

The permittee has requested the following:

1. Reduce the monitoring frequency for all parameters at Outfall 001 to once per quarter.
2. Revise the permittee's reporting schedule to allow quarterly submission of DMRs, and change the submittal date for DMR submittal to the 28<sup>th</sup> day of the applicable months.
3. Downgrade the facility to a minor.

The draft major modification prepared by this Office authorizes the following changes to the permit:

1. The monitoring frequencies for all parameters at Outfall 001 have been reduced to 1/quarter. This Office has reviewed the compliance history of the facility and has determined that this reduction in monitoring is warranted. Furthermore, a monitoring frequency of 1/quarter for non-process area stormwater is consistent with current office practices for permitting stormwater discharges.
2. The requirements of Part II, Paragraph M have been revised to allow quarterly submittal of DMRs. However, this Office has not granted the permittee's request to submit DMRs on the 28<sup>th</sup> day of the month following each quarter. The permittee has requested that the Gretna Facility be downgraded to a minor. This request has been denied because this Office can not downgrade facilities via permit modification. Facility downgrades are handled through other procedures. At this time, Chemtura Corporation/Gretna Facility will remain designated as a major facility, and therefore will be required to submit DMRs by the 15<sup>th</sup> of the month, as per the schedule listed in the revised Part II, Paragraph M. However, please be advised that this Office will consider Chemtura's downgrade request at a later date.
3. In addition to the above permit modifications, this Office has removed Total Nitrogen and Total Phosphorus monitoring from Chemtura's LPDES permit. Monitoring for these parameters (with no effluent limitations) was added to the September 2002 permit due to the fact that, at the time, Subsegment 070301 was listed on the 303(d) list as being impaired for nitrogen and phosphorus. The effluent data gathered during the life of the permit was to be used for future TMDL development. In accordance with LDEQ's Final 2004 303(d) List, nitrogen and phosphorus are no longer listed as impairments for the subsegment; therefore, no TMDLs for Total Nitrogen or Total Phosphorus are proposed for development. For this reason, Total Nitrogen and Total Phosphorus monitoring have been removed from Chemtura Corporation/Gretna Facility's LPDES permit.

#### **VIII. 303(d) Impairments:**

Subsegment 070301 is not listed on LDEQ's Final 2004 303(d) List as impaired, and to date no TMDL's have been established. A reopener clause was established in the original permit to allow for the requirement of more stringent effluent limitations and requirements as imposed by any future TMDLs.

#### **IX. Endangered Species:**

The receiving waterbody, Subsegment 070301 of the Mississippi River Basin, has been identified by the U.S. Fish and Wildlife Service (FWS) as habitat for the pallid sturgeon. This draft modified permit has been submitted to the FWS for review in accordance with a letter dated October 21, 2005, from Watson (FWS) to Gautreaux (LDEQ). LDEQ has determined that the issuance of this LPDES permit modification is not likely to have an adverse effect upon the

pallid sturgeon. The effluent limitations established in the permit ensure protection of aquatic life and maintenance of the receiving water as aquatic habitat.

**X. Historic Sites:**

The discharge is from an existing facility location, which does not include an expansion on undisturbed soils. Therefore, there should be no potential effect to sites or properties on or eligible for listing on the National Register of Historic Places, and in accordance with the "Memorandum of Understanding for the Protection of Historic Properties in Louisiana Regarding LPDES Permits" no consultation with the Louisiana State Historic Preservation Officer is required.

**XI. Tentative Determination:**

On the basis of preliminary staff review, the Department of Environmental Quality has made a tentative determination to modify the permit as described above.

**XII. Variances:**

No requests for variances have been received by this Office.

**XIII. Public Notices:**

Upon publication of the public notice, a public comment period shall begin on the date of publication and last for at least 30 days thereafter. During this period, any interested persons may submit written comments on the draft permit and may request a public hearing to clarify issues involved in the permit decision at this Office's address on the first page of the fact sheet statement of basis. A request for a public hearing shall be in writing and shall state the nature of the issues proposed to be raised in the hearing.

Public notice published in:

A local newspaper of general circulation

Office of Environmental Services Public Notice Mailing List